

Sewerage.

One of Montclair's citizens, having made an investigation of the working of the Pullman sewerage farm, in a letter to the *Times* gives the result of his labors. The following are a few extracts from the letter:

At the attention of our citizens is now being directed with so much interest to sewerage. I have thought that some personal investigations made during a two-months' residence in Pullman, Ill., would be of general interest.

The town of Pullman is on the outskirts of Chicago. The location being flat, with no natural drainage, an artificial system becomes a necessity. Every building in the town, of whatever character, is thoroughly piped and connected with the street mains. A central pumping station forces the sewerage through these mains to the farm, which is located about two and one-half miles from the station. The pumps used are about 40 horse power of the compound condensing type. The pressure on the pump is about ten pounds, the average suction lift about twelve feet, and the total head in forcing the sewerage to the point where it is utilized on the farm about thirty-five feet.

They are now pumping about forty million gallons per month, or 500 million per annum. Assuming that sewerage weighs eight and three-quarter pounds per gallon and that the pumps are doing a duty of thirty million foot pounds on an evaporation of ten pounds of water per pound of coal, the consumption of coal would be about 43,750 pounds per month. (It was impossible to obtain exact data of cost as their pumps are supplied from a central boiler station from which steam for other power is taken.) The variation in the amount of sewerage pumped from month to month is a very curious study, and I can hardly explain it. For instance in December '83, they pumped twenty-six million gallons, in March '84, thirty-nine millions and the following month of April only twenty-nine million. Yet the population remained practically the same, and all the sewerage must be handled daily.

Concerning the sanitary effect of a sewerage farm in the community, I observed the Pullman farm closely during the months of June and July and never could I detect the slightest odor arising from it, nor learn that there ever had been any. The farm workers live there and the superintendent with his family, and they are as healthy as farmers usually are. Older residents of the vicinity make no complaint and are quite as healthy as they ever were. The fact established here is that a sewerage farm is practicable and profitable, and that the entire system is in every way unobjectionable.

With some conditions more favorable to success than Pullman, there seems to me no reason for rejecting this or something similar so long as it is a physical impossibility that we can do anything better, and something must ultimately be done. The sooner we take the initiative the more certain we are to retain the most enviable reputation we now have, and make the enterprise doubly profitable by greatly enhancing the value of our property.

H. G. H. TARR.

Progressiveness of Newark.
From the N. J. Unionist.

As a progressive city Newark, N. J. stands A1. It's about as fast on the move as old fashioned molasses used to be in the Winter. You could start it running and do half a day's labor before a two-quart measure would be filled. We are progressing very rapidly with the low fare project to New York; time-keeping was held many moons ago and a faint gurgle was heard from some members of the Board of Trade, and it progressed no further. One road, the Erie, has lowered its rate, and by going half way to Paterson our citizens, by investing five dollars, can be accommodated with the low rate.

The City Daddies have made great strides in abolishing the beautiful fences which grace the skirts of our parks. There was a faint struggle and no doubt it would have ended in the great act of tearing them down had not some of the daddies by accident heard about a stray cow rambling around loose near Irvington, and as the fences were put up a century or so ago for the purpose of keeping such animals out, the resolution to abolish was laid over—until the cows emigrate or die.

Great progress has also been made in regard to the scavenger wagons, and it is a move in the right direction—those covered ones. How nice! Just like Philadelphia. No ashes flying over your ready made store clothes, and no need to carry an eyestone in your left hand pocket. It is not generally known, but every other person carried one on the sly when the old open wagons were in vogue. All required now is that the drivers get \$12.50 a week and Newark will be a paradise, a blooming paradise. It is better than New York, where they take up the garbage at night, and no doubt but that city will copy after us when they see how we do it.

The Seth Boyden statue is also on the progressive move, and it all hinges on the result of the late grand concert to decide whether poor Seth has one or not. Our rich manufacturers who benefited by his patents want the people to have a chance to contribute, and so the concert game was projected. When the time comes (if it ever does) the rich manufacturers will be the chief monks at the dedication and scoop in the dinner, big windy speeches, etc., while the people who were given the chance to buy a ticket to the grand concert can stand around with their fingers in their mouths wondering if poor Seth is enjoying the show as well as themselves, as both they and S. B. will be outsiders about that time.

The most progressive move was the market scheme. They moved the

dead from the old burying ground, but the live truckers still hang around loose, robbing where they can. After another Seth Boyden decade we will have a suitable market. Why not get up a concert and make enough to buy a market?

The Law and Order people are another progressive set, "Progress" is part of all they have to offer, and one poor saloonist made a fearful example of, while fourteen hundred and fifty others in full blast around town went soft free. Bock beer has been ripe quite some time, and just as much has been guzzled Sunday as if the Law Order Society had never been, and the wicked parks have been in full blast so, and the poor man has enjoyed him self in his own way just the same.

The only real progressive thing in Newark is progressive eucalyptus.

The Thirteenth Regiment Monument.

Friday, July 1st, will be "Thirteenth Regiment Day" at Gettysburg. The arrangements for the dedication of the monument are nearly all completed, and the occasion promises to be a highly interesting one. On Thursday evening, June 30th, the regiment will hold a camp fire at the Court House, admission to which will be free to all. The exercises will be impromptu, and the Battle of Gettysburg will be fought over again by those who participated in the desperate struggle of twenty-four years ago. General Henry W. Slocum, commander of the Twelfth Army Corps and who commanded the right wing of the Army of the Potomac at the Battle of Gettysburg, will deliver the oration at the unveiling of the monument on Friday. The Gettysburg Cornet Band has been secured for participation in these exercises.

A large number of citizens, many accompanied by their ladies, will join in this "advantage on Gettysburg." The main body of excursionists will leave on the 9 o'clock train from New York, on Thursday morning, June 30th, arriving in town in ample time for the camp fire that evening. There will be a large advance guard of ladies and gentlemen who will depart for the "front" earlier in the week, and thus have ample opportunity for a thorough study of all the chief points of interest in that historic region. The fare for the round trip will be \$6.45.

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